



- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

CERTIFICATE

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 200

Signed Frank J. Barker U.S. 289

COMPANY	<u>CARL E. SMITH INC.</u>		
ADDRESS	<u>SANDYVILLE, WEST VIRGINIA</u>		
FARM	<u>C. G. CORBITT HEIRS</u>		
MAP	ACRES <u>101.79</u>	LEASE NO.	
WELL (FARM) NO.	<u>5</u>	SERIAL NO.	
ELEVATION (SPIRIT LEVEL)	<u>643.54</u>		
QUADRANGLE	<u>MARIETTA 15</u>	<u>VALLEY MILLS 7 1/2</u>	<u>C</u>
COUNTY	<u>WOOD</u>	DISTRICT	<u>UNION</u>
POINT OF PROVEN ELEVATION	<u>Rd. Intersection EL. 616</u>		
FILE NO.	DRAWING NO.		
DATE <u>JUNE 7, 1980</u>	SCALE <u>1" = 500</u>		

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE No. 107-1042

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500 LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

3500 SHALE

- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

6-4 WAVERLY

JUL 28 1980

71



IV-35
(Rev 8-81)

Date May 28, 1982
Operator's
Well No. #217-5
Farm Corbitt #5
API No. 47 - 107 - 1042

RECEIVED of West Virginia

JUN - 3 1982 Department of Mines
Oil and Gas Division
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 643.54' Watershed Carpenters Run
District: Union County Wood Quadrangle Marietta

COMPANY Carl E. Smith Petroleum, Inc.

ADDRESS P. O. Box 4, Sandyville, WV 25275-0004

DESIGNATED AGENT Carl E. Smith Petroleum, Inc.

ADDRESS P. O. Box 4, Sandyville, WV 25275-0004

SURFACE OWNER C. G. Corbitt heirs

ADDRESS Waverly, WV

MINERAL RIGHTS OWNER C. G. Corbitt heirs

ADDRESS Waverly, WV

OIL AND GAS INSPECTOR FOR THIS WORK K. Paul

Goodnight ADDRESS Smithville, WV

PERMIT ISSUED 6/20/80

DRILLING COMMENCED 11/4/80

DRILLING COMPLETED 11/13/80

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	304'	304'	cemented to surface
9 5/8			
8 5/8			
7	2417'	2417'	
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 2326-2346 feet

Depth of completed well 2992 feet Rotary X / Cable Tools

Water strata depth: Fresh 155 feet; Salt 980 feet

Coal seam depths: Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2322-2342 feet

Gas: Initial open flow Trace Mcf/d Oil: Initial open flow Trace Bbl/d

Final open flow 50 Mcf/d Final open flow 2 Bbl/d

Time of open flow between initial and final tests 48 hours

Static rock pressure 780 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

Second producing formation Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig (surface measurement) after hours shut in

JUN 14 1982

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Water/Sand Frac. 10,000 lb. 80/100 sand: 35,000 lb. 20/40 sand. 620 bbl. of water with 500 gal. Mud 202, 30 gal. ISN, 500 lb. WAC-10, 40 gal. cla-sta, Breakdown 1400, max. 3000, Averg. 1500 - Shut-in Instant 100, 5 min. 600.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Cow Run			980	1010	
Maxmin			1370	1450	
Keener			1480	1500	
Big Injun			1510	1590	
Berea			1966	1978	
<u>Gordon</u>			2336	2356	

(Attach separate sheets as necessary)

Carl E. Smith Petroleum, Inc.

Well Operator

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 217-5

API Well No. 47 - 107 - 1042
State County Permit:

TYPE: Oil / Gas X /

(If "Gas", Production X / Underground storage / Deep / Shallow X /)

CON: Elevation: 643.54 Watershed: Carpenters Run

District: Union County: Wood Quadrangle: Marietta

OPERATOR Carl E. Smith, Inc.

DESIGNATED AGENT Carl E. Smith, Inc.

Address P.O. Box 4
Sandyville, WV 25275

Address P.O. Box 4
Sandyville, WV 25275

GAS OWNER C. G. Corbitt Heirs

COAL OPERATOR

Address Waverly, WV

Address None

acreage 101.79

COAL OWNER(S) WITH DECLARATION ON RECORD:

OWNER

Name C. G. Corbitt Heirs

Address Same

Address Waverly, WV

acreage 101.79

Name

SALE (IF MADE) TO:

Address

Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name

Address

AS INSPECTOR TO BE NOTIFIED

K. Paul Goodnight

Address Smithville, WV
477-2455

The undersigned well operator is entitled to operate for oil or gas purposes at the above
under a deed / lease X / other contract / dated December 4, 1979, to the
undersigned well operator from C. G. Corbitt Heirs

[If deed, lease, or other contract has been recorded:]

on December 10, 1979, in the office of the Clerk of the County Commission of Wood
West Virginia, in Lease Book 731 at page 543. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any
they wish to make or are required to make by Code § 22-4-3 must be filed with the Department
within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed
registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee
before the day of the mailing or delivery of this Permit Application to the Department of Mines &
West Virginia.

BLANKET BOND

FOR TRANSMISSION OF ALL
CAL LOSS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
WASHINGTON STREET EAST
MARTINSBURG, WV 25311

1980
OIL & GAS DIVISION
DEPT. OF MINES

CARL E. SMITH, INC.
Well Operator

By

Carl E. Smith

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

BILLING CONTRACTOR (IF KNOWN) Carl E. Smith, Inc.

Address P.O. Box 4
Sandyville, WV 25275

GEOLOGICAL TARGET FORMATION, Shale

Estimated depth of completed well, 3500 feet. Rotary Cable tools

Approximate water strata depths: Fresh, 100 feet; salt, 1300 feet.

Approximate coal seam depths: None Expected Is coal being mined in the area? Yes No

LOGGING AND TUBING PROGRAM

LOGGING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	8 5/8	K-55	24#	X		300	300	To surface	Kinds
Fresh water									
Intermediate									Sizes
Production	4 1/2	K-55	10.50	X		3500	3500	150 Sk.	Depths set
Tubing									Perforations:
Packers									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

THIS PERMIT MUST BE POSTED AT THE WELL SITE
A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is a part of the work for which a permit is sought and all operations are in accordance with the Form IV-2 filed in connection therewith.

of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 3-7-81.

[Signature]
Deputy Director - Oil & Gas Division.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

June 20, 19 80

CARL E. SMITH, INC.

By [Signature]
Vice-President